

Strategy
Problem Solving
Critical thinking



lesson (1)

Explorer in action

Date

Class

per

Objectives

By the end of the lesson the student will be able to:

- **Clarify** the importance of digital applications in facing different issues (environmental)
- **Identify** digital applications to share and store information online.
- **Suggest** plans to gather debris with my friends.

"preface"

Which environmental
issue concern you
most ?

Accompanying activities

Divide the students into groups and ask them the introductory question and discuss it with a video presentation of the explorer Peg Keiner with her students on how to confront environmental issues and their role in it for the advancement of society. With following the routine of random reading of the elements of the lesson.

View Lesson

Peg Keiner: Ambassador for the Global Goals of the United Nations and a National Geographic Explorer. She lives in the United States and works as Director of Innovation at a school in Chicago.

Personal Protective Equipment(PPE): Tools that are used such as protective masks and gloves used for one time only.

Debris tracker: It is an application that enables the recording of litter locations via the Global Positioning System, with a description of the type of this litter. It can be downloaded for free on a mobile phone.

Hashtag: The word hashtag means any word or phrase preceded by a symbol # to distinguish the text following it, and it helps in spreading information among the largest number of users, and a way to organize searches on Twitter, Facebook, or other different social media. as example #trackingppe

Go Green Initiative: It is an initiative launched by the Egyptian Ministry of Environment to encourage a more responsible approach to plastic waste and other types of waste. Spreading environmental awareness in society.

Evaluation:

- Why should we share accurate educational content with our classmates and teachers?
- Solving book questions on the lesson



Lesson (2) Digital citizenship and social responsibility

Strategy

Dialogue and discussion

Critical thinking

Date

Class

per

Objectives

By the end of the lesson the student will be able to:

- **Explain** how to express his opinions online.
- **Discuss** how to use his rights and responsibilities as a digital citizen to communicate with others.
- **Explain** what it means to be socially responsible

"preface"
How can you
express your opinion
online?

Accompanying activities

Divide the students into groups and ask them the introductory question and discuss it with a PowerPoint presentation explaining the rights and responsibilities under social responsibility and ask them for ideas on how to express their opinion online or with one of their colleagues.

View Lesson

The rights and responsibilities you should have as a digital citizen.

Rights	Responsibilities
Privacy.	Respect the privacy of others.
Protection against piracy.	Respect for diverse sources.
The ability to interact with others online.	Show positive behavior in dealing with others.
Sharing and obtaining information online.	Ensure safe online sharing.
The ability to use the Internet when you need to.	



How to express opinions in light of social responsibility:

- Express your opinions in a positive way.
- Make sure your sources of information are accurate and easy to understand.
- Make sure the information you share and its purpose are clear.
- Ensure that you have the rights and responsibilities as an interactive digital citizen when communicating online.

Corporate Social Responsibility:

Organizations use the Internet in turn to help others by Addressing environmental issues or providing support for important issues. This is known as corporate social responsibility.

Evaluation: Explain what is meant by corporate social responsibility.



**The general and specific objectives of teaching communications and information technology
For the fifth grade of primary school**

Second Semester

General objectives

<ul style="list-style-type: none"> • Realize the importance of digital citizenship. • Define digital platforms to share and save information. • Understand the concept of social responsibility. • Improve writing and speaking style while communicating Online . • Create websites and defines their characteristics. • Recognize groups in Microsoft Edge. 	<ul style="list-style-type: none"> • Use various research sources. • Distinguish between synchronous and asynchronous communication in use. • Use technology to solve problems. • Learn the basics of binary numbers. • Collect data and presents it in an attractive way. • Recognize the basic principles of web page design.
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specific objectives

<ul style="list-style-type: none"> • Explain the importance of digital applications in facing environmental issues. • Identify digital applications that are used to share and store information. • propose plans to collect waste with his colleagues. • Explain how to express his views on the Internet. • Discuss how to use his rights and responsibilities as a digital citizen. • Explain the meaning of social responsibility. • Explain how to communicate online based on a combination of factors. • Discuss the importance of writing and speaking style when communicating. • express his feelings to his colleagues using emojis. • Discuss the content of information sites. • Explain the tools and features that make using the website easier. • Define the tools that can be used to create a website. • Distinguish between commercial and non-commercial websites. • Explain how to use the Internet to obtain information about products. • Explain how his online activity affects the appearance of ads. • Discuss the use of Microsoft Edge to search and organize information. • Discuss the use of Microsoft Editor for editing and proofreading. • Use Microsoft 365 tools. • Define uses of information resources available on the Internet • Explain how to know the most reliable sources. 	<ul style="list-style-type: none"> • Create a presentation using trusted sources. • Explain the reasons for using online communication tools. • Explain the ethics of online communication. • Identify ways to use sensor networks to collect data. • Looking for how to use technology to solve problems. • Explain how to install computer software safely. • Explain how to troubleshoot and resolve a screen that has stopped responding. • Explain why the computer uses the binary number system to store data. • Describe the binary number system. • Read and write binary numbers. • Explain the digital tools that you may need to work on a project. • Discuss how to search for, collect and classify information. • Explain the importance of digital information handling skills. • Create a graph to share specific information. • Discuss the importance of using multimedia to improve the presentation through which information is presented. • Explain the use of digital tools such as (word art - movie maker). • Explain the value of using a storyboard in telling a story. • Discuss the 10-20-30 rule and its relevance to providing information. • Discuss the features that make websites attractive. • Explain what the markup language - html. And how it help build a web page.
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